

# GM CODES

## GM Code List P1000-P1299

**NOTE:** For some code numbers, there may be more than one definition because the same number may be used for different faults on different model years or models.

P1031....O2 Sensor heater control circuit problem

P1105....Secondary Vacuum Sensor circuit

P1106....MAP sensor circuit voltage intermittent high or low

P1107....MAP sensor voltage intermittent low

P1108....BARO to MAP sensor circuit comparison too high

P1109....Secondary port throttle system

P1111....Intake Air Temperature Sensor circuit intermittent high voltage

P1112....Intake Air Temperature Sensor circuit intermittent low voltage

P1113....Intake Resonance Switchover Valve Control

P1114....Engine Coolant Temperature intermittent high or low

P1115....Engine Coolant Temperature intermittent high or low

P1116....Engine Coolant Temperature erratic

P1117....Engine coolant temperature below minimum voltage/254 F

P1118....Engine coolant temperature above maximum voltage/-40 F

P1119....Engine coolant temperature out of range

P1120....Throttle position sensor 1 circuit

P1121....Ignition control module 4X circuit, or TPS out of range

P1122....Ignition control module 4X circuit, or TPS out of range

P1125....Average Pump Period system, or pedal position system

P1133....A/C pressure sensor high voltage, or O2 sensor bank 1 sensor 1 sluggish

P1134.... 5 volt reference 2 voltage low, or O2 sensor bank 1 sensor 1

P1135....O2 Sensor 1 bank 1 reading lean, or 4/5 shift solenoid stuck on

P1136....5 volt reference 2 circuit, or O2 sensor bank 1 sensor 1 rich

P1137....O2 Sensor low voltage during power enrichment

P1138....O2 Sensor high voltage during decel fuel cutoff

P1139....Brake booster vacuum sensor (low vacuum)

P1139. . O2 Sensor insufficient switching (Bank 1 Sensor 2)

P1140....O2 Sensor Sluggish (Bank 1 Sensor 2)

P1141....O2 Sensor Heater Control circuit (Bank 1 Sensor 2)

P1143....O2 Sensor reading lean or low voltage (Bank 1 Sensor 3)

P1144....O2 Sensor reading rich or high voltage (Bank 1 Sensor 3)

P1145....O2 Sensor sluggish (slow crosscounts) (Bank 1 Sensor 3)

P1153....A/C pressure sensor low voltage

P1153.... . O2 Sensor low switching (Bank 2 Sensor 1)

P1154....O2 Sensor low transition time (Bank 2 Sensor 1)

P1155....A/C evap temperature switch high voltage

P1155. . O2 Sensor reading lean (Bank 2 Sensor 1)

P1156....A/C high pressure switch high voltage

P1156. . O2 Sensor reading rich (Bank 2 Sensor 1)

P1157....O2 Sensor rich or high voltage (Bank 2 Sensor 2)

P1158....O2 Sensor rich or high voltage (Bank 2 Sensor 2)

P1158. . .Engine overtemperature protection fault

P1159....O2 Sensor crosscounts (Bank 2 Sensor 2)

P1161....O2 Sensor heater control circuit (Bank 2 Sensor 2)

P1163....O2 Sensor reading lean or low voltage (Bank 2 Sensor 3)

P1164....O2 Sensor reading rich or high voltage (Bank 2 Sensor 3)

P1165....O2 Sensor crosscounts (Bank 2 Sensor 3)

P1170....Bank to bank fuel trim offset

P1171....Fuel system lean during acceleration

P1185....Engine Temperature Sensor circuit

P1186....Engine Oil Temperature circuit performance

P1187....Engine Oil Pressure Sensor circuit low voltage,

P1188....Engine Oil Pressure Sensor circuit voltage high

P1189....Engine Oil Pressure Switch circuit

P1190....Vacuum leak

P1191....Intake air duct leak

P1200....Injector control circuit

P1211....Mass Airflow circuit intermittent high

P1212....Mass Airflow circuit intermittent low

P1214....Injection Pump Timing Offset

P1215....Ground fault detection indicated (generator driver circuit)

P1216....Fuel Solenoid response time too short

P1217....Fuel Solenoid response time too long

P1218....Injection Pump calibration circuit

P1219....Throttle Position Sensor reference voltage

P1220....Throttle Position Sensor circuit fault

P1221....Fuel pump second circuit low

P1121 . . Throttle position sensor circuit performance

P1222....Injector circuit cylinder 1 intermittent

P1225....Injector circuit cylinder 2 intermittent

P1228....Injector circuit cylinder 3 intermittent

P1231....Injector circuit cylinder 4 intermittent

P1234....Injector circuit cylinder 5 intermittent

P1237....Injector circuit cylinder 6 intermittent

P1240....Injector circuit cylinder 7 intermittent

P1243....Injector circuit cylinder 8 intermittent

P1250....Early fuel evaporation heater circuit

P1257....Boost Control fault, or supercharger overboost

P1258....Engine overtemperature protection, or low coolant fuel disable

P1260....Fuel Pump Speed Relay control circuit, or last test failed speed control circuit

P1271....Accelerator Pedal Position Sensor 1-2 correlation

P1272....Accelerator Pedal Position Sensor 2-3 correlation

P1273....Accelerator Pedal Position Sensor 1-3 correlation

P1274....Injection wiring incorrect

P1275....Acceleration position sensor 2 circuit, or boost control

P1276....Accelerator Pedal Positioning Sensor 1 circuit

P1280....Accelerator Pedal Positioning Sensor 2 circuit

P1281....Accelerator Pedal Positioning Sensor 2 circuit out of range

P1285....Accelerator Pedal Positioning Sensor 2 circuit

P1286....Accelerator Pedal Positioning Sensor 2 circuit out of range

#### **GM Code List P1300-P1499**

**NOTE:** For some code numbers, there may be more than one definition because the same number may be used for different faults on different model years or models.

P1300....Ignition coil 1 primary feedback circuit

P1305....Ignition Coil 2 primary feedback circuit

P1310....Ignition Coil 3 primary feedback circuit

P1315....Ignition Coil 4 primary feedback circuit

P1320....Distributorless ignition 4X signal intermittent

P1321....Electronic ignition system fault

P1322....Electronic ignition system control missing

P1323....Loss of high resolution rpm signal

P1324....Crank rpm too low

P1335....Crankshaft positioning sensing circuit

P1336....Crankshaft position system variation not learned

P1345....Camshaft to crankshaft position correlation fault

P1346....Crankshaft sensor system variation not learned, or intake camshaft position out of range

P1349....Intake Camshaft position system

P1350....Ignition control system

P1351....Ignition control circuit voltage high

P1351....Ignition control circuit open

P1352....Bypass circuit open or voltage high

P1353....Ignition control output high/pulse detected when ground cylinder #3

P1354....Ignition control output high/pulse detected when ground cylinder #4

P1355....Ignition control output high/pulse detected when ground cylinder #5

P1356....Ignition control output high/pulse detected when ground cylinder #6

P1357....Ignition control output high/pulse detected when ground cylinder #7

P1358....Ignition control output high/pulse detected when ground cylinder #8

P1359....Ignition Coil group 1 control circuit

P1360....Ignition Coil group 2 control circuit

P1361....Ignition control cylinder #1 not toggling after enable, or low voltage

P1362....Ignition control cylinder #2 not toggling after enable, or low voltage, or bypass circuit shorted or low voltage

P1363....Ignition control cylinder #3 not toggling after enable, or low voltage

P1364....Ignition control cylinder #4 not toggling after enable,or low voltage

P1365....Ignition control cylinder #5 not toggling after enable,or low voltage

P1366....Ignition control cylinder #6 not toggling after enable,or low voltage

P1367....Ignition control cylinder #7 not toggling after enable,or low voltage

P1368....Ignition control cylinder #8 not toggling after enable, or low voltage

P1370....Too many ignition reference pulses

P1371....Too few ignition reference pulses

P1372....Crankshaft Position Sensor A-B correlation

P1374....Crankshaft position sensor, 3X Reference circuit

P1375....24X Reference circuit voltage too high

P1376....Reference voltage low, or ignition ground circuit

P1377....Ignition control module CAM pulse to 4X reference pulse comparison

P1380....ABS rough road/misfire diagnosis prevented

P1381....Misfire detected, no EBCM/PCM serial data

P1401....Exhaust Gas Recirculation flow test fault

P1403....Exhaust Gas Recirculation Solenoid 1 error

P1404....Exhaust Gas Recirculation Solenoid 2 error

P1405....Exhaust Gas Rrecirculation Solenoid 3 error

P1406....Exhaust Gas Recirculation pintle position error

P1407....EGR valve air leak

P1408....EGR valve vacuum failure

P1409....EGR valve vacuum leak

P1410....EGR valve vacuum restriction, or fuel tank pressure system

P1415....AIR system Bank 1

P1416....AIR system Bank 2

P1431....Fuel Level Sensor 2 circuit

P1432....Fuel Level Sensor 2 circuit low voltage

P1433....Fuel Level Sensor 2 circuit voltage high

P1441....EVAP Canister continuous open purge flow, or high voltage during non-purge

P1442....EVAP monitor circuit/vacuum switch high voltage

P1450....Barometric Pressure Sensor (BARO) circuit

P1451....Barometric Pressure Sensor performance

P1460....Cooling Fan control system, or misfire detected (Catera only)

P1483....Engine cooling system performance

#### **GM Code List P1500-P1699**

**NOTE:** For some code numbers, there may be more than one definition because the same number may be used for different faults on different model years or models.

P1500....Starter signal circuit

P1501....Vehicle speed sensor circuit intermittent, or Theft deterrent system

P1502....Theft deterrent system no password received

P1503....Theft deterrent system password improper

P1508....Idle Air Control system -- idle too low

P1509....Idle Air Control system -- idle too high

P1510....Backup power supply

P1511....Throttle Control System - backup system performance

P1514....Airflow to throttle position sensor too high

P1515....Electronic throttle module throttle position

P1516....Electronic throttle module throttle position

P1517....Electronic throttle module, or TAC module fault

P1518....No communication between electronic throttle module and PCM

P1519....Throttle Actuator Control Module

P1520....Park/Neutral Switch circuit, gear indicator system

P1523....Electronic throttle control throttle return

P1524....Throttle Position Sensor out of range or misadjusted

P1525....Throttle Body Service required

P1526....Throttle position learn process not complete

P1527....Transmission range/pressure switch comparison

P1528....Governor control system

P1530....Ignition timing adjustment switch circuit, or A/C Refrigerant Pressure Sensor error

P1531....A/C low refrigerant

P1532....Engine coolant temperature sensor intermittent, or A/C Evaporator Temperature circuit low voltage

P1533....A/C Low Side Temperature Sensor circuit

P1535....A/C High Side Temperature Sensor circuit

P1536....A/C system ECT overtemperature

P1537....A/C request circuit voltage low

P1538....A/C request circuit voltage high

P1539....A/C High Pressure Switch circuit voltage high

P1540....A/C system high pressure

P1542....A/C system high pressure or high temperature

P1543....A/C system performance out of range

P1545....A/C Clutch Relay Control circuit

P1546....A/C Clutch Relay control circuit voltage low

P1550....Cruise control, motor actuator circuit

P1554....Speed Control status circuit

P1555....Electric Variable Orifice fault (Saturn)

P1558....Speed Control (SPS low)



P1560....Speed Control System/Transaxle not in Drive

P1561....Speed Control Vent Solenoid

P1562....Speed Control Vacuum Solenoid

P1564....ECM battery voltage loss (Catera only), or speed control system/vehicle acceleration too high

P1565....Speed Control Servo Position Sensor

P1566....Speed Control System/Engine RPM too high

P1567....Speed Control Master Switch

P1568....Speed Control (SPS high)

P1570....Speed Control System/Traction Control active

P1571....Traction Control System desired torque circuit

P1572....Traction Control System active circuit voltage low too long

P1573....PCM/EBTCM serial data circuit communication malfunction

P1574....EBTCM system/stop lamp circuit voltage high

P1575....Stop lamp control circuit (97-98 Corvette only), or extended travel brake switch circuit voltage high

P1576....Brake Booster Vacuum Sensor circuit voltage high

P1577....Brake Booster Vacuum Sensor circuit voltage low

P1578....Brake Booster Vacuum Sensor circuit low vacuum

P1579....Park/Neutral to Drive/Reverse at high throttle angle

P1580....Cruise Control Module move circuit, low voltage

P1581....Cruise Control Module move circuit, high voltage

P1582....Cruise Control Module direction circuit, low voltage

P1583....Cruise Control Module direction circuit, high voltage

P1584....Cruise control disabled

P1585....Cruise Control inhibit output circuit

P1586....Cruise Control Brake Switch 2 circuit

P1599....Engine stall detected

P1600....Powertrain control module battery, or loss of communication between PCM and TCM

P1601....ECM overtemperature

P1602....PCM to ABS module communication problem

P1603....Serial data communication problem

P1604....IPC Serial data communication problem

P1605....Serial data communication problem with HVAC module

P1607....Engine Oil Level Switch circuit

P1610....Loss of PZM serial data, or failure of body function controller (1997 Cutlass & Malibu only)

P1611....Loss of CVRTD serial data

P1617....Engine Oil Level Switch circuit

P1619....Engine Oil Life Monitor reset circuit, or oil life error

P1620....Engine coolant low (Saturn)

P1621....Powertrain control module memory error, or VCM EEPROM performance (1998 5.7L only)

P1623....PCM Prom error, or Transaxle Temperature Sensor fault (Saturn)

P1624....Powertrain control module software reset, or customer snapshot data available (Saturn)

P1625....Powertrain control module system reset, or TCM flash checksum fault (Saturn)

P1626....Anti-theft system fuel enable circuit (Passkey error)

P1627....A/D performance, or Powertrain Control Module fault

P1628....PCM Engine Control Temperature Pull-up Resistor, or Engine Coolant Temperature Sensor circuit resistor fault

P1629....Anti-theft device cranking signal or Passkey cranking error

P1630....System voltage too high/too low, or ECM immobilizer learning mode (Cavalier & Monte Carlo only)

P1631....Oxygen sensor #1 slow response, or anti-theft password incorrect

P1632....Anti-theft fuel disable signal received

P1633....Ignition power circuit low voltage

P1634....Ignition power circuit low voltage

P1635....5 volt reference voltage to sensors low

P1636....Powertrain control module fault

P1637....Alternator warning lamp control signal "L" terminal problem

P1638....Alternator Field (F) terminal circuit

P1639....Powertrain Control Module 5 volt reference voltage low

P1640....Powertrain control module fault

P1641....EVAP fuel tank pressure sensor circuit voltage high, or fan 1 relay control circuit, or MIL light circuit, or A/C compressor clutch relay circuit

P1642....Fan control relay, or vehicle speed sensor output, or secondary air injection relay fault (96 Lumina/Monte 3.4L)

P1643....Powertrain control module fault

P1644....Throttle position sensor circuit, or traction control fault

P1645....Boost control solenoid circuit, or EVAP solenoid output circuit

P1646....Powertrain control module fault (quad driver 1)

P1647....Powertrain control module fault (quad driver 1)

P1650....Powertrain control module fault (quad driver 2)

P1651....Powertrain control module fault (quad driver 2), or cooling fan relay 1

P1652....Cooling fan relay 2, or suspension control module (Cadillac only)

P1653....Traction control circuit (Pontiac), or fuel gauge control circuit (Chevy except Caprice), or engine oil level warning lamp (Caprice & 99 Olds Silhouette only)

P1654....A/C relay circuit, or cruise control disable output circuit

P1655....Powertrain control module fault (quad driver 2), or EVAP canister purge valve

P1656....Powertrain control module fault (quad driver 2), or wastegate solenoid control circuit (turbo models only)

P1657....Powertrain control module fault (quad driver 2), or skip shift solenoid control circuit

P1660....Cooling fan circuit, or powertrain control module fault

P1661....EVAP fuel tank pressure sensor circuit, or Check Engine Light circuit, or PCM quad driver fault

P1662....PCM quad driver fault, or cruise control circuit

P1663....Alternator warning lamp circuit, or oil change warning lamp circuit

P1664....Powertrain control module fault (quad driver 3), or fuel cutoff solenoid

P1665....Powertrain control module fault (quad driver 3), or EVAP canister vent valve

P1667....Powertrain control module fault (quad driver 3), or reverse inhibit solenoid control circuit

P1670....Powertrain control module fault (quad driver 4)

P1671....Malfunction Indicator Lamp (MIL) circuit fault

P1672....Powertrain control module fault (quad driver 4), or low engine oil level lamp control circuit

P1673....Powertrain control module fault (quad driver 4), or engine hot lamp control circuit

P1674....Powertrain control module fault (quad driver 4), or tachometer control circuit

P1675....EVAP vent solenoid control circuit

P1676....Powertrain control module fault (quad driver 4), or EVAP canister vent valve

P1677....Powertrain control module fault (quad driver 4)

P1680....Powertrain control module fault

P1681....Powertrain control module fault

P1682....Powertrain control module fault

P1683....Powertrain control module fault

P1684....Powertrain control module fault

P1685....Powertrain control module fault

P1686....Powertrain control module fault

P1687....Powertrain control module fault

P1689....Traction Control System delivered torque control circuit

P1690....Powertrain control module loop overrun

P1691....Coolant gauge circuit voltage low

P1692....Coolant gauge circuit voltage high

P1693....Tachometer circuit voltage low

P1694....Tachometer circuit voltage high

P1695....Remote keyless entry circuit

P1696....Remote keyless entry circuit

#### **GM Code List P1700-P1899**

**NOTE:** For some code numbers, there may be more than one definition because the same number may be used for different faults on different model years or models.

P1700....Malfunction Indicator Lamp requested by trans control module

P1701....Malfunction Indicator Lamp request circuit

P1740....Torque control/management request circuit

P1760....Transmission Control Module supply voltage interrupted

P1780....Park/Neutral Position Switch circuit

P1781....Engine torque signal circuit

P1792....ECM to Transmission Control Module engine coolant signal

P1800....ECM to Transmission Control Module engine coolant signal

P1810....ATF pressure manual valve position switch malfunction

P1811....Long shift and maximum adaptation limit reached

P1812....TOT condition

P1814....Torque converter clutch (TCC) overstress

P1819....Transmission range switch out of range, possible no start

P1820....Transmission range switch A voltage low

P1822....Transmission range switch B voltage high

P1823....Transmission range switch P voltage low

P1825....Transmission range switch A, B, C & P signals invalid

P1826....Transmission range switch C voltage high

P1835....Kickdown Switch circuit

P1842....1-2 Shift Solenoid circuit low input

P1843....1-2 Shift Solenoid circuit high input

P1845....2-3 Shift Solenoid circuit low input

P1847 ....2-3Shift Solenoid circuit high input

P1850....Brake Band Aply Solenoid

P1860....Torque Converter Clutch (TCC) PWM Solenoid circuit

P1864....TCC Enable Solenoid circuit

P1868....Transmission Fluid life

P1870....Transmission component slipping

P1873....Oxygen sensor bank 2 sensor 2 crosscounts

P1874....Oxygen sensor bank 1 sensor 3 crosscounts

P1875....4WD Low Switch circuit electrical

P1886....Transaxle Shift, Timing Solenoid performance

P1887 ....TCC Release Switch malfunction

P1890....Throttle Position signal input

P1891....Throttle position sensor circuit signal low

P1892....Throttle position sensor circuit signal high

P1895....Engine torque delivered circuit